

TITLE

INITIATION OF POLYMERIZATION BY HYDROGEN ATOM DONATION

ABSTRACT

- This invention relates to the polymerization of vinylically-  
5 unsaturated monomers in the presence of a chain transfer catalysts where  
the polymerization process is initiated with hydrogen gas or a hydrogen  
atom donor rather than conventional free radical initiators. This invention  
further relates to an improved process for the polymerization of vinylically-  
unsaturated monomers in the presence of a chain transfer catalysts where  
10 the polymerization process is initiated with hydrogen gas.

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BCS/dmm